

2014

Mainboard

Product Launch Guide

[NLBT-I1900]

NL Series Motherboard



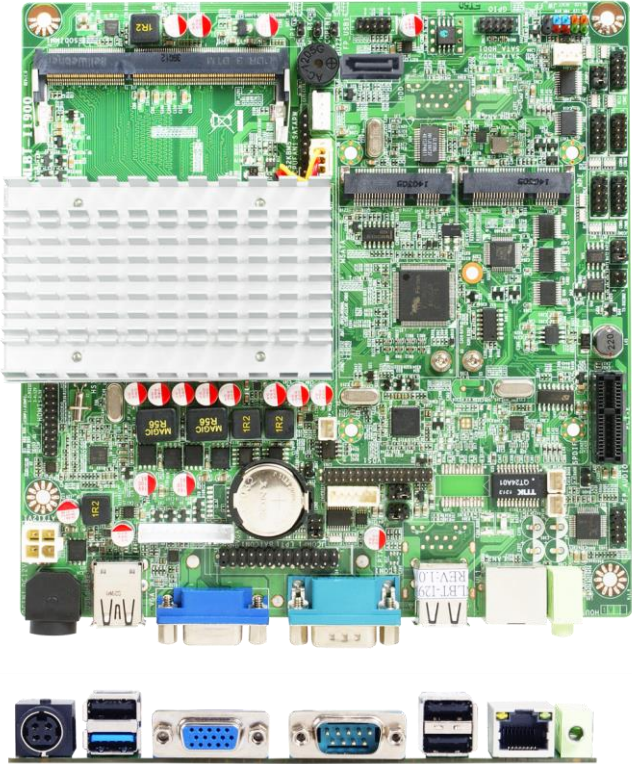
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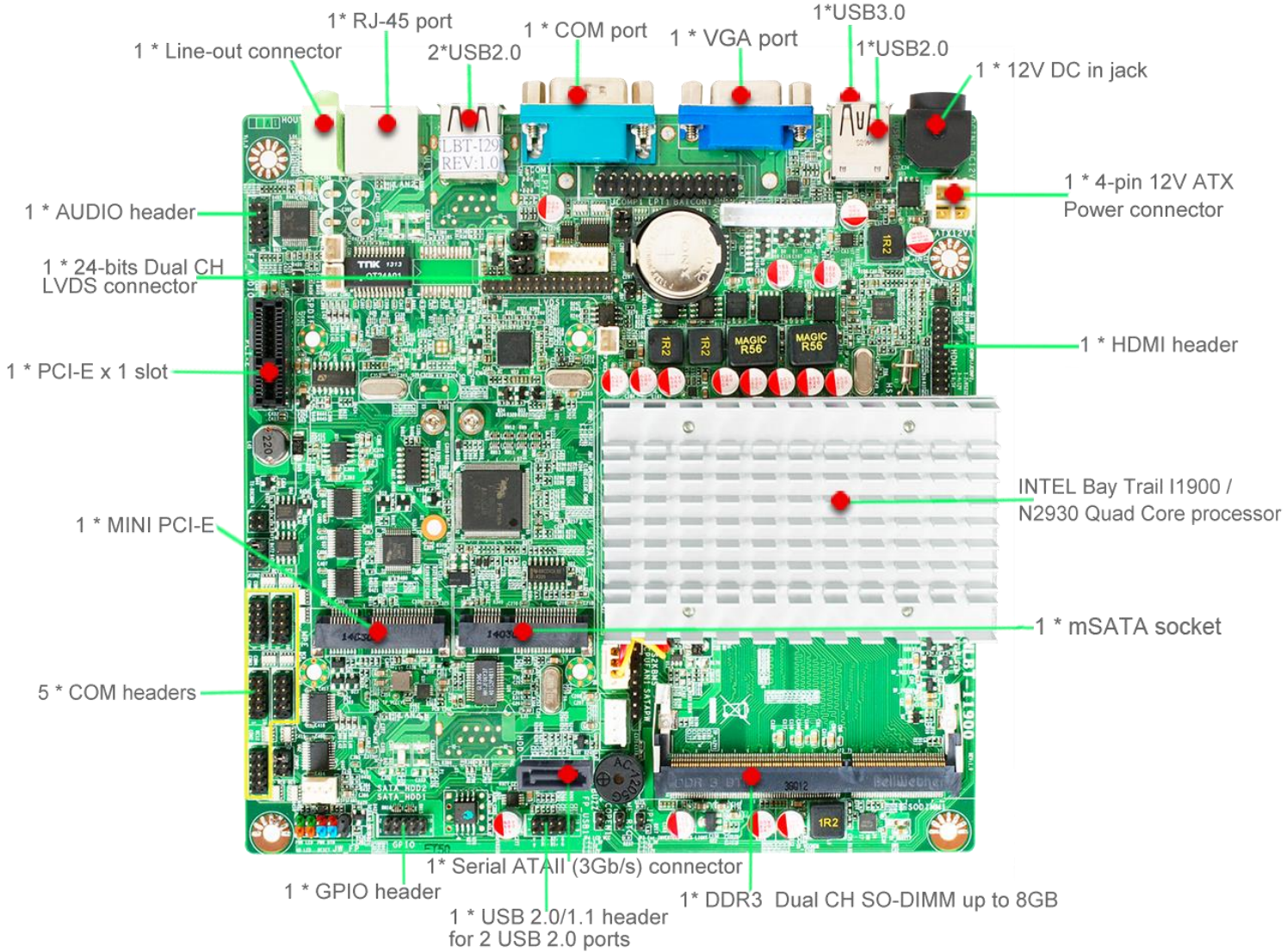
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Mainboard Diagram NLBT- I1900



1. INTEL Bay Trail J1900 Quad Core processor
2. Support DirectX 11 3D Graphics Acceleration
3. Support DDR3L 1333
4. Integrated HD Audio CODEC
5. Support 1*PCI Express Gigabit LAN
6. Support 1*USB3.0 port
7. Onboard 1*MiniPCI-E connector
8. Onboard 1 *M- SATA connector
9. 2 Phase CPU Power Support
10. Support Slim hard drive design
11. Support Amplifier function(3W)
12. Support Thunder Protection Function
13. Thin mini ITX Form Factor(170mm X170mm)



Mainboard Specifications

<ul style="list-style-type: none"> ■ CPU-Chipset 	<ul style="list-style-type: none"> ■ INTEL Bay Trail J1900(2.0GHz) Quad Core processor ■ INTEL® Bay Trail SOC chipset ■ 2 Phase CPU Power Support
<ul style="list-style-type: none"> ■ I.O Chipset 	<ul style="list-style-type: none"> ■ Fintek® F71869A
<ul style="list-style-type: none"> ■ Memory 	<ul style="list-style-type: none"> ■ 1* SO-DIMM slot ■ Support DDR3L 1333 ■ Max. capacity of system memory up to 8GB
<ul style="list-style-type: none"> ■ Expansion Slots 	<ul style="list-style-type: none"> ■ 1* Mini PCI-E connector ■ 1* PCIe1 slot
<ul style="list-style-type: none"> ■ Storage 	<ul style="list-style-type: none"> ■ 1* Serial ATA2 3Gb/s connector ■ 1* M-SATA Connector
<ul style="list-style-type: none"> ■ Audio 	<ul style="list-style-type: none"> ■ AVLC887 Audio CODEC ■ HD Audio CODEC
<ul style="list-style-type: none"> ■ Ethernet LAN 	<ul style="list-style-type: none"> ■ Realtek® RTL8111G Chip ■ PCI Express Gigabit LAN
<ul style="list-style-type: none"> ■ LVDS 	<ul style="list-style-type: none"> ■ Onboard 24-bit Dual channel
<ul style="list-style-type: none"> ■ USB 	<ul style="list-style-type: none"> ■ 5* USB 2.0/1.1(3 distribute in back panel, 2 distribute in mid-board) ■ 1* USB3.0
<ul style="list-style-type: none"> ■ Special Features 	<ul style="list-style-type: none"> ■ Support CPU Smart Fan ■ Support Watch dog Technology ■ Support GPIO Technology ■ Support VGA header ■ Support Power On board ■ Support Amplifier function(3W) ■ Support Slim hard drive design ■ Support 1*RS422/RS485 COM header ■ Thunder Protection Function ■ All Solid Capacitor design ■ All Power Pack MOSFET design
<ul style="list-style-type: none"> ■ Back Panel I / O 	<ul style="list-style-type: none"> ■ 3* USB 2.0/1.1 ports ■ 1* USB3.0 port ■ 1* RJ-45 port ■ 1* Line-out port ■ 1* VGA port (Max. Resolution: 1920*1200@60Hz) ■ 1* COM port ■ 1* 12V DC in
<ul style="list-style-type: none"> ■ Internal I / O 	<ul style="list-style-type: none"> ■ 1* USB 2.0/1.1 headers for 2 USB 2.0/1.1 ports ■ 2* CPU / Chassis Fan connectors ■ 5* COM headers(1*RS422/RS485) ■ 1* PS2/KB header

	<ul style="list-style-type: none"> ■ 1* 4-pin ATX 12V Power connector ■ 1* 4-pin SATA Power connector ■ 1* 12-pin VGA header (Max. Resolution: 1920*1200@60Hz) ■ 1* 20-pin HDMI header (Max. Resolution: 1920*1200@60Hz) ■ 1* 24-bit Dual Channel LVDS header (Max. Resolution: 1920*1200@60Hz) ■ 1* GPIO header ■ 1* Mini PCI-e connector ■ 1* M-SATA Connector ■ 1* SATA +Power Connector(7+15Pin)(Option) ■ 1* Audio header ■ 1* Front panel header ■ 1* HDMI_SPDIF header
■ Temperature-Operating	<ul style="list-style-type: none"> ■ -10~70°C
■ Temperature-Storage	<ul style="list-style-type: none"> ■ -30~80°C
■ BIOS	<ul style="list-style-type: none"> ■ AMI 64MB DIP Flash ROM
■ Temperature	<ul style="list-style-type: none"> ■ Operating: 0°C ~ 60°C ■ Storage: -20°C ~ 85°C
■ Form Factor	<ul style="list-style-type: none"> ■ Thin mini ITX Form Factor(170mm X 170mm)

*For further information please visit the website at <http://www.jetway.com.tw>

*The Specification may be changed without further notice.

Product Accessories

SATA Cable	COM Cable	I/O Shield
G01-SATAL-RD30-F	G01-COM-H2M22-1F	F04-MB-026-1F